



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION:  
S. Mark Haugland

SERIAL NO. 10/783,426

CONFIRMATION NO. 6364

FILED: February 20, 2004

FOR: SHEAR WAVE VELOCITY  
DETERMINATION USING  
MULTI-POLE WAVE

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EXAMINER: Donald E. McElheny, Jr.

GROUP ART UNIT: 2857

MS AMENDMENT  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to Applicant's duty, under 37 C.F.R. § 1.56, 1.97 and 1.98, to disclose all relevant material, the Applicant lists below the following references believed to be relevant to the subject matter of the above-identified application:

	<u>U.S. Patent No.</u>	<u>Issue Date</u>	<u>Inventor</u>
1.	4,774,693	09-27-1988	Winbow, et al.
2.	4,779,236	10-18-1988	Sondergeld
3.	5,852,262	12-22-1998	Gill et al.

OTHER DOCUMENTS

1. X. M. Tang, et al., "A dispersive-wave processing technique for estimating formation shear velocity from dipole and Stoneley waveforms," Petrophysics, Vol. 60, No. 1 (January-February 1995), pp. 19-28, 9 Figs.

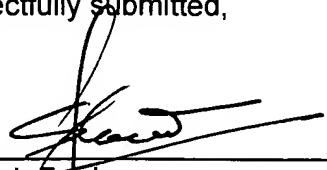
11/25/2005 WABDELRI 00000103 502255 10783426  
02 FC:1806 180.00 DA

Applicant respectfully submits that the invention in the above-identified application is patentably distinguishable over the cited references known to Applicant and disclosed in the above Second Supplemental Information Disclosure Statement.

The Commissioner of Patents is authorized to charge deposit account number 502255 for the required fee of \$180.00 under 37 C.F.R. 1.97(c)(2).

Respectfully submitted,

Date: November 21,  
2005.

  
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